

UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))	Attorney Docket No.	To be Determined
	First Inventor or Application Identifier	Cheng et al.
	Title	An Integrated Biochip System for Sample Preparation and Analysis
	Express Mail Label No.	EL892180268 US
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. <input checked="" type="checkbox"/> Specification [Total Pages of Application [125]] 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets [49]] 4. Oath or Declaration a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (For continuation/divisional with Box 16 completed) i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application See 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). *NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27); EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28). 5. <input type="checkbox"/> Microfiche Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies		

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & documents(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement
(when there is an assignee)
- ☐ Power of Attorney
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449
☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. ☒ Small Entity Assertions
☐ Statement filed in prior application. Status still proper and desired
14. ☐ Certified Copy of Priority Document(s)
(If foreign priority is claimed)
15. ☒ Other: Certificate of Mailing by Express Mail

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) Of prior application No: _____

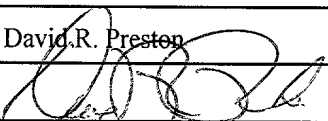
Prior application Information: Examiner _____ Group Art Unit _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion as been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE INFORMATION

☒ Customer Number 24232 or Bar Code Label [] or

☐ Correspondence address below

Name	David R. Preston & Associates		
Address	12625 High Bluff Drive, Suite 205		
City, State and Zip Code	San Diego, California 92130		
Country	USA		
Telephone	858.724.0375		
Facsimile	858.724.0384		
Name	David R. Preston	Registration Number	38,710
Signature		Date	Oct 8, 2001

Corresponds to PTO/SB/05

Utility Application Transmittal Form

EL89218026805

FEE TRANSMITTAL Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.		Complete if Known	
		Application Number:	To be Determined
		Filing Date:	Herewith
		First Named Inventor:	Cheng et al.
		Group / Art Unit:	To be determined
Total Amount of Payment	\$ 568.00	Docket Number:	ART-00105.P.1.1-US

METHOD OF PAYMENT	
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: <input type="checkbox"/> Deposit Account Name: <input type="checkbox"/> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17 to <u>Deposit Account Number 50132</u> <input type="checkbox"/> Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance.	
2. <input checked="" type="checkbox"/> Payment Enclosed <input checked="" type="checkbox"/> Check Number <u>979</u> <input type="checkbox"/> Money Order <input type="checkbox"/> Other	

FEE CALCULATION						
1. BASIC FILING FEE						
	Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
	101		201	370.00	Utility Filing Fee	\$ 370.00
	106		206		Design Filing Fee	\$
	107		207		Plant Filing Fee	\$
	108		208		Reissue Filing Fee	\$
	114		214		Provisional Filing Fee	\$
SUBTOTAL (1)						\$ 370.00

2. EXTRA CLAIM FEES

				Extra Claims		Fee From Below		Fee Paid
Total Claims	[42]	-20 **	Equals	[22]	Times	[9.00]	Equals	\$198.00
Independent Claims	[1]	-3 **	Equals	[0]	Times	[]	Equals	\$ 0.00
Subtotal (2)								\$198.00



** or number previously paid, if greater, For Reissues, see below

	Large Entity		Small Entity		Fee Description
	Fee Code	Fee (\$)	Fee Code	Fee (\$)	
	103		203	9.00	Claims in excess of 20
	102		202	42.00	Independent claims in excess of 3
	104		204		Multiple dependent claim, if not paid
	109		209		** Reissue independent claims over original patent
	110		210		** Reissue claims in excess of 20 and over original patent

3. ADDITIONAL FEES					
Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105		205		Surcharge - late filing fee or oath	\$
127		227		Surcharge - late provisional filing fee or cover sheet	\$
139		139		Non-English specification	\$
147		147		For filing a request for reexamination	\$
112		112		Requesting publication of SIR prior to Examiner action	\$
113		113		Requesting publication of SIR after Examiner action	\$
115		215		Extension for reply within first month	\$
116		216		Extension for reply within second month	\$
117		217		Extension for reply within third month	\$
118		218		Extension for reply within fourth month	\$
128		228		Extension for reply within fifth month	\$
119		219		Notice of Appeal	\$
120		220		Filing a brief in support of an appeal	\$
121		221		Request for oral hearing	\$
138		138		Petition to institute a public use proceeding	\$
140		240		Petition or revive - unavoidable	\$
141		241		Petition or revive - unintentional	\$
142		242		Utility issue fee (or reissue)	\$
143		243		Design issue fee	\$
144		244		Plant issue fee	\$
122		122		Petitions to the Commissioner	\$
123		123		Petitions related to provisional applications	\$
126		126		Submission of Information Disclosure Statement	\$
581		581		Recording each patent assignment per property	\$
146		246		Filing a submission after final rejection (37 C.F.R. 1.129(a))	\$
149		249		For each additional invention to be examined (37 CFR 1.129(b))	\$
Other fee (specify):					\$
Subtotal (3)					\$ 0.00

4. SUMMATION OF FEES

SUBTOTAL (1)	\$ 370.00
SUBTOTAL (2)	\$ 198.00
SUBTOTAL (3)	\$ 0.00
TOTAL FEES	\$ 568.00

SUBMITTED BY			Complete (If Applicable)	
Typed or Printed Name	David R. Preston		Registration Number:	38,710
Signature		Date: 	Deposit Account User ID Number	50132

Variable	Mean	SD	Min	Max
Age	34.5	10.2	21	55
Gender	1.2	0.4	1	2
Marital status	1.5	0.5	1	3
Education	12.5	1.5	9	16
Income	15.2	3.5	10	25
Occupation	1.8	0.8	1	4
Health status	1.2	0.3	1	2
Stress level	2.5	1.2	1	5
Life satisfaction	3.8	1.5	2	6
Resilience	4.2	1.8	2	7
Optimism	4.5	1.5	3	6
Gratitude	4.8	1.2	3	6
Forgiveness	5.2	1.5	3	7
Empathy	5.5	1.2	4	7
Compassion	5.8	1.5	4	7
Kindness	6.2	1.2	4	7
Generosity	6.5	1.5	4	7
Patience	6.8	1.2	4	7
Self-control	7.2	1.5	5	8
Emotional stability	7.5	1.2	5	8
Psychological well-being	7.8	1.5	5	9
Life purpose	8.2	1.2	6	9
Meaning in life	8.5	1.5	6	9
Existential fulfillment	8.8	1.2	6	9
Transcendental experience	9.2	1.5	7	10
Spiritual growth	9.5	1.2	7	10
Inner peace	9.8	1.5	7	10
Harmony with nature	10.2	1.2	8	11
Connection to the universe	10.5	1.5	8	11
Divine spark	10.8	1.2	8	11
Sacred journey	11.2	1.5	9	12
Enlightenment	11.5	1.2	9	12
Nirvana	11.8	1.5	9	12
Moksha	12.2	1.2	10	13
Samadhi	12.5	1.5	10	13
Transcendental meditation	12.8	1.2	10	13
Vipassana	13.2	1.5	11	14
Zen	13.5	1.2	11	14
Tibetan Buddhism	13.8	1.5	11	14
Vajrayana	14.2	1.2	12	15
Theravada	14.5	1.5	12	15
Hinduism	14.8	1.2	12	15
Jainism	15.2	1.5	13	16
Sikhism	15.5	1.2	13	16
Buddhism	15.8	1.5	13	16
Islam	16.2	1.2	14	17
Christianity	16.5	1.5	14	17
Judaism	16.8	1.2	14	17
Sikhism	17.2	1.5	15	18
Hinduism	17.5	1.2	15	18
Buddhism	17.8	1.5	15	18
Islam	18.2	1.2	16	19
Christianity	18.5	1.5	16	19
Judaism	18.8	1.2	16	19
Sikhism	19.2	1.5	17	20
Hinduism	19.5	1.2	17	20
Buddhism	19.8	1.5	17	20
Islam	20.2	1.2	18	21
Christianity	20.5	1.5	18	21
Judaism	20.8	1.2	18	21
Sikhism	21.2	1.5	19	22
Hinduism	21.5	1.2	19	22
Buddhism	21.8	1.5	19	22
Islam	22.2	1.2	20	23
Christianity	22.5	1.5	20	23
Judaism	22.8	1.2	20	23
Sikhism	23.2	1.5	21	24
Hinduism	23.5	1.2	21	24
Buddhism	23.8	1.5	21	24
Islam	24.2	1.2	22	25
Christianity	24.5	1.5	22	25
Judaism	24.8	1.2	22	25
Sikhism	25.2	1.5	23	26
Hinduism	25.5	1.2	23	26
Buddhism	25.8	1.5	23	26
Islam	26.2	1.2	24	27
Christianity	26.5	1.5	24	27
Judaism	26.8	1.2	24	27
Sikhism	27.2	1.5	25	28
Hinduism	27.5	1.2	25	28
Buddhism	27.8	1.5	25	28
Islam	28.2	1.2	26	

10-10-01

A

10/09/01
1132 U.S. PTO

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11000 U.S. PTO
09/973629
10/09/01

Box Utility Patent Application

"Express Mail" Mailing Label Number: EL892180268US

Date of Deposit: October 9, 2001

Assistant Commissioner for Patents
Washington DC 20231

Re: Utility Patent Application
Entitled: An Integrated Biochip System for Sample Preparation and Analysis
Appl. No.: To be determined
Filed: Herewith
Inventor: Cheng et al.
Our Ref.: ART-00105.P.1.1-US

Sir:

The following documents are forwarded herewith for appropriate action by the United States Patent and Trademark Office:

1. Utility Patent Application Transmittal (in duplicate);
2. Fee Transmittal (in duplicate);
3. Declaration for Utility or Design Patent Application;
4. Complete U.S. Patent Application entitled:

An Integrated Biochip System for Sample Preparation and Analysis

David R. Preston & Associates
DRPNA
www.q-creative.com/drpreston
phone: 858.724.0375
facsimile. 858.724.0384

09/973629

and naming as inventors

Jing Cheng
Xiaobo Wang
Lei Wu
Weiping Yang
Junquan Xu

the utility application comprising:

- a) Total pages of application: [125]
 - b) Pages of specification: [70];
 - c) Pages of Figures: [49] Number of Figures: [19];
 - d) Pages of Title Page: 1;
 - e) Pages of Abstract: 1;
 - f) Pages of Claims: [4]; [42] Claims.
5. Small entity statement, small business concern;
 6. Small entity statement, non-profit organization
 7. One Return Post Card; and
 8. Our Check Number 979 for \$ 568.00 to cover the Application Fee.

It is respectfully requested that the attached postcard be stamped with the filing date and unofficial application number and returned as soon as possible.

Please apply any charges not covered, or any credits, to **Deposit Account 501321** in the name of **David R. Preston & Associates** having **Customer No.: 24232**.

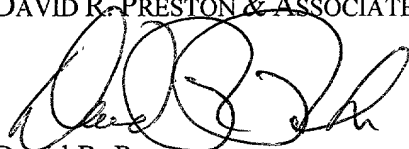
The following attorney is the attorney of record for prosecuting this application and transacting all business in the USPTO connected therewith:

David R. Preston, Esquire
Registration No. 38,710

Please send all correspondence and direct all telephone calls to:

David R. Preston
David R. Preston & Associates
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San Diego, California 92130
858.724.0375

Respectfully Submitted,
DAVID R. PRESTON & ASSOCIATES

A handwritten signature in black ink, appearing to read 'David R. Preston', written over the printed name.

David R. Preston
Attorney for Applicant
Registration No. 38,710